

SEMENUSHKINA, A.F.
DOMARADSKIY, I.V.; SEMENUSHKINA, A.F.

Some data on the assimilation of glycocol by *Pasteurella*
pestis. [with summary in English] Vop. med. khim. } no.1:30-35
Ja-F '57 (MLRA 10:4)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut mikrobiologii
i epidemiologii yugo-vostoka, Saratov.
(*PASTEURILLA PESTIS*, metab.
glycocol assimilation)
(*GLYCINE*, metab.
assimilation by *Pasteurella pestis*)

SEMENUSHKINA, A.F.

DOMARADSKIY, I.V., SEMENUSHKINA, A.F.

Utilization of the carbon of acetic acid by the plague bacillus
[with summary in English]. Vop.med.khim. 4 no.1:21-26 Ja-F'58
(MIRA 11:5)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut mikrobiologii
i epidemiologii Yugo-Vostoka SSSR, Saratov.

(PASTEURILLA PESTIS, metabolism

acetic acid carbon utilization & synthesis of other
cpd. (Rus))

(ACETIC ACID, metabolism

Pasteurella pestis, utilization in synthesis of
other cpds. (Rus))

MOCHUL'SKAYA, Yu.Ch.; SEMENYAK, B.I.; Primali uchastiye: PUGACHEVA, L.V.;
RANTSEVA, M.I.; KUZNETSOVA, M.I.; TETERINA, N.N.; SABUROVA, I.N.

Dressing of kainite-langebeinite ores of the Stebnik ore
deposit. Khim.prom. no.6:454-456 Je '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii i
L'vovskiy filial Gosudarstvennogo soyuznogo instituta po proyektiro-
vaniyu predpriyatiy gornckhimicheskoy promyshlennosti.
(Ore dressing)

ANDRIANOV, V.N., doktor tekhn.nauk; SEMENYAK, Yu.A., inzh.

Use of a calibrated d.c. motor for derivation of mechanical characteristics. Prom. energ. 17 no.3:12-13 Mr '62. (MIRA 15:2)
(Electric power distribution) (Electric machinery)

ANDRIANOV, V.N., doktor tekhn,nauk; SEMENYAK, Yu.A., inzh.

Choice of electric motors for driving milk centrifuges. V_{est.}
elektroprom 33 no.9:29-33 S '62. (MIRA 15:10)
(Cream separators—Electric driving)

FIKSEN, N.V., kandi. tekhn. nauk; TARANOV, Ye.D., inzh.; SEMENYAKA, G.D., inzh.

Decidation of steel with ferroaluminum for shaped castings.

Mashinostroenie no.2:55-56 Mr-Ap '65.

(MIRA 18:6)

SEMENYAKO, A.F., inzh.

Technical and economic indices of railroad construction. Transp.
stroi. 8 no.3:18-20 Mr '58. (MIRA 11:4)
(Railroads--Cost of construction)

SEMYAKO, A.F., inzh.

Standards for engineering design of railroad stations. Transp.
stroi. 9 no.1:49-51 Ja '59. (MIRA 12:2)
(Railroads--Stations)

SEMYENYAKO, A.F., inzh.; TSYPIN, L.G., inzh.

New method for determining the estimated capacity of railroad
stations. Transp.stroi. 9 no.3:43-45 Mr '59. (MIRA 12:4)
(Railroads--Stations)

SEMENYAKO, A.F., inzh.

Width of the right-of-way. Put' i put.khoz. 4 no.2:36-37
F. '60. (MIRA 13:5)

1. Nachal'nik otdela tekhnicheskikh usloviy i norm
Giprotranstei.
(Railroads--Construction)

TIKHONOV, Konstantin Kuz'mich; SEMENYAKO, A.F., retsenzents; ~~USHAKOV~~,
~~red.~~ retsenzents; PESKOVA, L.N., red.; BOBROVA, Ye.N., tekhn.
red.

[Technical and economic calculations in the operation of rail-
roads] Tekhniko-ekonomicheskie raschety v ekspluatatsii zhelezn-
nykh dorog. Moskva, Transzheldorizdat, 1962. 251 p.

(MIRA 15:12)

(Railroads—Management) (Railroads—Cost of operation)

LEONT'YEV, M.N.; prĭnimali uchastiye: BAKINA, K.V.; KISELEVA, O.M.;
KRAVETS, Ye.A.; KARLOVA, S.A.; DUBNOVA, S.S.; ~~SEMEYAKO~~, A.G.;
ZAMORINA, Z.T.; MILANINA, Ye.F.; KOZEL'SKAYA, O.P.; VASIL'KOVA,
Z.I.; ZOTOV, S.N.; YERMOLOV, A.I.; BEZLYUDNAYA, V.V.; NAZAROV,
B.A.; ASHIKHMINA, V.M.; ASYAKINA, A.N.; TROITSKAYA, B.I.;
SKVORTSOV, A.V., red.; LESHAKOV, I.T., tekhn. red.

[The economy of Orlov Province; a statistical manual] Narodnoe
khoziaistvo Orlovskoi oblasti; statisticheskii sbornik. Orel,
Gosstatizdat, 1960. 281 p. (MIRA 14:5)

1. Orel(Province) Statisticheskoye upravleniye. 2. Zamestitel'
nachal'nika statisticheskogo upravleniya Orlovskoy oblasti
(for Leont'yev). 3. Statisticheskoye upravleniye Orlovskoy ob-
lasti (for all except Leshakov) 4. Nachal'nik statisticheskogo
upravleniya Orlovskoy oblasti (for Skvortsov)
(Orlov Province--Statistics)

SEMENYAKO, V.P.

Rare case of cyst of the lesser omentum in connection with bursitis omentalis. Med. zhur. Uzb. no. 1:74-76 Ja '60. (MIRA 13:8)

1. Iz khirurgicheskogo otdeleniya (zav. - prof. S.A. Masumov)
Klinicheskoy bol'nitsy neotlozhnoy pomoshchi Tashkentskogo
gorzdravotdela.

(BURSA OMENTALIS) (CYSTS)

SEMYNYAKO, Ye. M.; ARKHANGEL'SKAYA, S.V.

▲ rare case of gangrene of the bladder. Urologiia 22 no.2:48-50
Mr-Ap '57. (MIRA 10:7)

1. Iz urologicheskogo otdeleniya (nauchnyy rukovoditel' - prof.
A.Ya.Pytel') fakul'tetskoy khirurgicheskoy kliniki (dir. - prof.
A.N.Bakulev) II Moskovskogo meditsinskogo instituta i patologo-
anatomicheskogo otdeleniya 1-y gorodskoy bol'nitsy (glavnyy vrach
L.D.Chernyshev).

(BLADDER, gangrene
rare case)

CHERVANOV, B.I., red.; ARTEMOV, V.N., red.; BOBYAKOV, P.A., red.;
GOLUBEV, A.P., red.; SEMENYAKOV, V., red.

[Development of the national economy of the White Russian
S.S.R. during the 20 years, 1944-1963; a statistical abstract]
Razvitie narodnogo khoziaistva Belorusskoi SSR za 20 let
(1944-1963 gg.); statisticheskii sbornik. Minsk, Izd-vo
'Belarus', 1964. 214 p. (MIRA 17:8)

1. White Russia. Statisticheskoye upravleniye.

Name: SEMENYCHEVA, A. A.

Dissertation: Colorimetric determination of atropine using picric acid

Degree: Cand Pharm Sci

Defended at
Affiliation: Min Health RSFSR, Moscow Pharmaceutical Inst

Publication
Defense Date, Place: 1956, Moscow

Source: Knizhnaya Letopis', No 45, 1956

SEMENYCHEVA, A.A.

Colorimetric determination of platyphylline in some drug mixtures.
Apt.delo 9 no.1:47-51 Ja-F '60. (MIRA 13:6)

1. Iz laboratorii farmatsevticheskogo analiza (rukovoditel' -
kand.khim.nauk N.S. Goryainova.
(COLORIMETRY) (PLATYPHYLLINE)

SEMENYCHEVA, A.A.; SMIRNOVA, G.D.

'Quantitative determination of synthomycin by means of nitritometric titration using an internal indicator. Apt. delo 9 no.3:58-60 My-
Je '60. (MIRA 14:3)

(CHLOROMYGETIN)

(INDICATORS AND TEST-PAPERS)

SEMENICHEVA, T.N., meditsinskaya sestra; YUNITSKAYA, T.F., meditsinskaya
sestra

Diabetes mellitus and tuberculosis. Med. sestra 20 no.9:17-22 S
'61. (MIRA 14:10)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza
Ministerstva zdravookhraneniya RSFSR.
(TUBERCULOSIS) (DIABETES)

KALMAN, Laszlo; SEMENYI, Vilmos

Rotary top with replaceable inserts. Ujit lap 14 no.16:22
25 Ag '62.

1. Gamma Optikai Mivek.

ABRAMOV, S.A., inzh.; ALIFANOV, I.N., inzh.; KARPOV, A.F., inzh.;
KOROTKOV, A.P., inzh.; KOLOSOV, B.P., inzh.; KUZNETSOV,
V.S., inzh.; NIKONOV, G.V., inzh.; REPIN, M.I., inzh.;
SEMENYUCHENKO, G.P., inzh.; SLOBODSKOY, L.M., inzh.;
TSUKANOV, Ye.V., inzh.; SHIFRIN, M.G., inzh.; BOL'SHAKOV,
A.S., inzh., retsenzent; KISELEVA, N.P., inzh., red.;
USENKO, L.A., tekhn. red.

[11D45 diesel locomotive] Teplovoznii dizel' 11D45. Moskva,
Transzheldorizdat, 1963. 95 p. (MIRA 16:7)
(Diesel locomotives)

SEMENYUCHENKO, I.M.

LYASHENKO, V.I.; SNITKO, O.V.; SEMENYUCHENKO, I.M.

Effect of molecular absorption on the photoconductivity of
semiconductors. Part 2. Kinetics and mechanism of phenomena
occurring in copper oxide. Trudy Inst.fiz. AN URSR no.5:
77-86 '54. (MLR 7:12)
(Molecular dynamics) (Photoconductivity) (Semiconductors)
(Copper oxide)

SEMENYUK, A., inzhener.

Aspiration of gravity tubes in the grinding section of mills. Muk.-
elev.prom. 21 no.3:16-17 Mr '55. (MIRA 8:5)

1. Glavnoye upravleniye mukomol'noy, krupyanoy i kombikormovoy
promyshlennosti.
(Grain milling machinery)

SEMENYUK, A., inzhener.

Eliminate unproductive expenditures in weighing grain products
at flour and groats mills. Muk.-elev.prom 22 no.9:24-25 S '56.
(MLRA 10:8)

1.Ministerstvo khleboproduktov RSFSR.
(Grain handling)

SEMENYUK, A.

Measures for accelerated fumigation of mills and groats plants.
muk.-elev. prom. 23 no.4:22-23 Ap '57. (MIRA 10:5)

1. Tekhnicheskii otdei Rosglavmuki.
(Fumigation) (Flour mills)

SEMENYUK, A., inzh.

High-capacity trier. Muk. elev. prom. 24 no.11:25-26 H '58.
(MIRA 11:12)

1. Tekhnicheskiiy otdel Ministerstva khleboproduktov RSFSR.
(Grain-milling machinery)

DUSYATSKIY, A.Ya., inzh.; NUDEL'MAN, G.E., inzh.; SEMENYUK, A.I., inzh.

Storage and transportation of bulk flour. Mekh.i avtom.proizv.
16 no.4:22-24 Ap '62. (MIRA 15:4)
(Flour-Transportation)

MAKHNAKH, A.S.; PASYUKOVICH, V.I.; SEMYENYUK, A.D. [Semianuk, A.D.]

Narova horizon of the Middle Devonian of the Polotsk region.

Vestsi AN BSSSR Ser. fiz. tekhn. i inzh. no. 1:74-82:64

(MIRA 17:7)

BENDERSKIY, S.N., kand.tekhn. nauk; BURSIAI, V.R., prof., kand.
 tekhn. nauk; VASIL'YEV, P.N., inzh.; DORFMAN, E.Ye., inzh.;
 ZHURAVLEV, V.F., kand. tekhn. nauk; KESTEL'MAN, V.N.,
 inzh.; KRUGLOV, A.N., dots., kand. tekhn. nauk; KUKIBNYY,
 A.A., dots., kand.tekhn. nauk; LEVACHEV, N.A., dots., kand.
 tekhn. nauk; LEYKIN, A.Ya., inzh.; NAREMSKIY, N.K., dots.,
 kand. tekhn. nauk; PLATONOV, P.N., prof., doktor tekhn.
 nauk; SOKOLOV, A.Ya., prof., doktor tekhn. nauk; KUTSENKO,
 K.I., kand. tekhn. nauk, dots., retsenzent; VEREMEYENKO,
 Ye.I., inzh., retsenzent; KOVTUN, A.P., inzh., retsenzent;
SEMEYUK, A.I., retsenzent; KASHCHEYEV, I.P., inzh.,
retsenzent; PAL'TSEV, V.S., kand. tekhn. nauk, retsenzent;
 KHMEL'NITSKAYA, A.Z., red.

[Conveying and reloading machinery for the overall mechaniza-
 tion of the food industries] Transportiruiushchie i peregru-
 zochnye mashiny dlia kompleksnoi mekhanizatsii pishchevykh
 proizvodstv. Moskva, Pishchevaia promyshlennost', 1964.
 759 p. (MIRA 18:3)

(Continued on next card)

BENDERSKIY, S.N.--- (continued). Card 2.

1. Odesskiy tekhnologicheskii institut imeni M.V.Lomonosova (for Kutsenko, Naremskiy, Veremeyenko, Kovtun). 2. Starshiy ekspert Upravleniya po avtomatizatsii i oborudovaniyu dlya pishchevoy promyshlennosti Gosudarstvennogo komiteta po mashinostroyeniyu pri Gosplane SSSR (for Semenyuk). 3. Glavnyy mekhanik Gosudarstvennogo instituta po proyektirovaniyu predpriyatiy mukomol'nokrupyanoy i kombikormovoy promyshlennosti i elevatorno-skladskogo khozyaystva (for Kashcheyev).
4. Zaveduyushchiy laboratoriyey Vsesoyuznogo nauchno-issledovatel'skogo instituta zerna i produktov ego pererabotki (for Pal'tsev).

FILIPCHIK, V.I.; SEMENYUK, A.Sh.

Use of ultraviolet irradiation in the over-all treatment of
exudative eczema in children. *Pediatrics* 36 no.11:76 N '58
(ECZEMA) (ULTRAVIOLET RAYS---THERAPEUTIC USE) (MIRA 12:8)

SEMENYUK, A.V., vrach

Results of the use of digoxin in circulatory disorders. Trudy
KGMI no.10:257-259 '63. (MIRA 18:1)

1. Iz kafedry gosital'noy terapii (zav. kafedroy - prof. I.B.
Shulutko) Kalininskogo gosudarstvennogo meditsinskogo instituta.

3 (4)

AUTHOR:

Semenyuk, B. A.

SOV/6-59-5-11/26

TITLE:

On the Marking of the Fixed Points in Woods (O markirovani
opoznakov v lesnykh massivakh)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 5, pp 27-28 (USSR)

ABSTRACT:

In the summer of 1958 the topographical Team Nr 59 carried out
work in the Taiga, and started to mark the control points. A
total of 160 control points were marked (over an area

of 6000 km²). In the majority of cases, the marks took the
form of an angle of almost 90°, the sides of which (wood
clearings) were, if possible, oriented towards the
triangulation points visible from the tree tops. At about the
tip of the angle formed by the wood clearings a tree was left,
which served as an identification object. At some points, the
marks were established in the form of a square the diagonal
of which ran in a north-south direction. One tree was left in
the center of the square, and a cross was laid out of birch
boles or stripped pine- or larch boles. - In the examination
of the data provided by aerial photography in this section it
was found that all of the control points were excellently

Card 1/2

On the Marking of the Fixed Points in Woods

SOV/6-59-5-11/26

visible in the aerial photographs on a 1 : 25000 scale. Only the white crosses were not set off against the bright background of the wood, the trees left, however, were very well visible. Neither the branches left on the trees, nor the 1.5-m-high brushwood had a disturbing effect in the photographs. There are 2 figures.

Card 2/2

ULANOVSKIY, V.P.; KOGAN, A.V.; SEMENYUK, E.P.

Correctly organized photocopying is a necessary factor in
improving the effectiveness of information work. NTI no.12:
12 '65. (MIRA 19:1)

1. Konstruktorskoye byuro "Termopribor", L'vov.

S/081/62/000/002/014/107
B149/B102

AUTHORS: Shvedov, V. P., Rosyanov, S. P., Semenyuk, E. Ya.

TITLE: Some data on the effect of water on the radiolysis of phosphoric acid esters

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 80, abstract 2B572 (Tr. Leningr. tekhnol. in-ta im. Lensovet, no. 55, 1961, 64 - 66)

TEXT: The effect of the molecular ratios of trialkyl phosphate (TAP) on the yield of phosphorus-containing products (PP) during radiolysis by the action of Co^{60} gamma radiation was studied. The yield of PP decreased with increasing molar proportions of water in the mixtures both in the case of tributyl phosphate (TBP) and of triethyl phosphate (TEP). For mixtures TBP-water the yield deviated considerably from that calculated by the law of averages. In the case TEP - water this was not observed. The authors presume that this behavior of the mixtures may be due to the formation (in the case of TEP) of unstable compounds and also of various complex compounds of TAP and water. [Abstracter's note: Complete trans-
Card 1/2

Some data on the effect of...

S/081/62/000/002/014/107
B149/B102

lation.]

Card 2/2

SEMENYUK, F.

Fumigation of peas under winter conditions. Muk.-elev.prom. 20 no.9:
27 S '54. (MLRA 7:12)

1. Ukrainskaya kontora Zagotzerno.
(Peas--Disinfection)

SEMENYUK, F.

Practices of receiving corn in the grain receiving enterprises of the
Ukrainian S.S.R. Muk.-elev. prom. 28 no.6:3-4 Je '62. (MIRA 15:7)

1. Ministerstvo proizvodstva i zagotovok sek'skokhozyaystvennykh
produktov Uktainskoy SSR.
(Ukraine--Corn (Maize)) (Ukraine--Grain--Storage)

SEMENYUK, F.P.

3593. SEMENYUK, F.P. Ob Opyte Raboty MTS Po Rukovodstvu Razvitiem Obshchestvennogo Zhivotnovodstva i Mekhanizats iey Trudoyemkikh Protsessov Na Zhivotnovodcheskikh Fermakh. (I-ya Kishkaren. MTS). Kishinev, Partizdag, Niyu Peredovikov-Zhivotnovodov Moldavii. Dek., 1954 g.) 2,000ekz. Bespl.--Na Pravakh Rukopisi-Na Moldav. Yaz-(54-57304) 636+338.1 Mts) (47.75)

SO: Knizhnaya Letopis', Vol. 3, 1955

SEMENYUK, G.F.

[Big textile bourgeoisie of Moscow and tsarist economic policy at the end of the 19th century; author's abstract of a dissertation for the degree of Candidate of Historical Sciences] Krupnaia moskovskaia tekstil'naiia burzhuaziia i ekonomichesknaia politika tsarizma v kontse XIX veka; avto-referat dissertatsii na socheniie uchanoi stepeni kandidata istoricheskikh nauk. Nauchn. rukovoditel' - P.I. Kabanov. Moskva, Mosk. obl. pedagog. in-t, 1964. 19 p.

(MIRA 18:5)

SPYNTYUK, G.M.

Desiccation of plum trees in a young commercial orchard of the
"Fruktovyi Donbass" Collective Farm in Subotany District.
zv.Mold.fll.MN SSSR no.4:27-34 '61.

(MIB: 17:10)

SEMEYUK, G. N.

SEMEYUK, G.N., podpolkovnik meditsinskoy sluzhby; AGAPOV, I.T., starshiy
leytenant meditsinskoy sluzhby

Prevention of skin diseases. Voen.-med.zhur. no.7:82 J1 '57.
(SKIN--DISEASES) (MIRA 11:1)

GERASTMENKO, Yu.N.; SHEYN, S.M.; BAKULINA, G.G.; CHEREPIVSKAYA, A.P.;
SEMENYUK, G.V.; YAGUPOL'SKIY, L.M.

Thioindigoid dyes. Part 9: Thioindigoid dyes containing fluorine.
Zhur.ob.khim. 32 no.6:1870-1874 Je '62. (MIRA 15:6)
(Thioindigo)

SARBYUKOV, S

7

1/5
633.66
.64

IKSOLNYYE KLESHCHI FAUNY SSSR (IXODIDIC TICKS OF THE USSR) MOSKVA, AKADEMYKHIGA,
1956.

121 P. ILLUS., DIAGRS., MAP, TABLES (OPREDELITELI PO FAUNE SSSR, NO. 64)

AT HEAD OF TITLE: AKADEMIYA NAUK SSSR. ZOOLOGICHESKIY INSTITUT.

INCLUDES BIBLIOGRAPHIES.

L 6879-65 EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Prc-4/Pa-4 WW/RM
 ACCESSION NR: AR4041668 S/C081/64/000/0007/H038/H038

SOURCE: Ref. zh. Khimiya, Abs. 7Zh135

AUTHOR: Kravets, V. P.; Semenyuk, G. V.

TITLE: Condensation of 4-acetyldiphenyl with formaldehyde

CITED SOURCE: Nauchn. yezhegodnik za 1959 g. Chernovitsk. un-t Chernovtsy, 1960, 641-644

TOPIC TAGS: 4-acetyldiphenyl, formaldehyde, condensation

TRANSLATION: By substituting $C_6H_5NO_2$ for CS_2 in the Friedel-Crafts reaction $4-CH_3COC_6H_4C_6H_5$ (I) is synthesized. Depending upon conditions, condensation of the lattice with CH_2O leads to $C_6H_5C_6H_4CHOHC(CH_2OH)_3$ (II), $C_6H_5C_6H_4COCH_2CH_2OH$ (III), or to a resin with apparent structure of $[CH_2CH(COC_6H_4C_6H_5)]_n$ (IV). To 10g of diphenyl and 11 g of $AlCl_3$ at -5° start to add mixture of 8 g of CH_3COCl and 40 g of $C_6H_5NO_2$; add first half of mixture in temperature range of -5 to $+5$ during 1 hour;

Card 1/2

L 6879-65

ACCESSION NR: AR4041668

add second half during 2 hours, gradually increasing temperature from 5 to 35°; stir 2 hours at 35° and 1 hour at approximately 20°; decompose with ice water; extract 69.2% of I with ether; boiling point 122°/3 mm; semicarbazone, melting point 229°. To 9 g of I and 45 ml of 32% CH₂O (V) at ~100° in 30 ml of alcohol at a rate of 5 ml every 5 min add solution of 7.92 g KOH in 60 ml of alcohol, heat 12 hours; after cooling neutralize with 10% HCl; drive off alcohol; separate with ether 5.4 g of II, C₁₇H₂₀O₄, boiling point 210 - 212°/12 mm. To 6 g of I in 60 ml of alcohol add 6 ml of V and 1.71 g KOH in 60 ml of alcohol; stir 8 hours at ~100°; with ether extract III, C₁₅H₁₄O₂, boiling point 164 - 167°/12 mm; semicarbazone, C₁₆H₁₇N₂O₃, m-p, 244°. If preceding experiment is conducted for 12 hours during heating, IV starts to separate with a 60° temperature of decomposition. After washing by water, drying and heating to 140 degrees, IV becomes glasslike; product is insoluble in water and alcohol, will dissolve in CHCl₃, C₆H₆ and acetone; it possesses high adhesion to glass and metal.

SUB CODE: CC, GC

ENCL: 00

Card 2/2

SEMENYUK, Ivan; KULAKOV, N., redaktor; SHILOV, P., redaktor; OYSTRAKH, V.,
tekhnicheskiiy redaktor

[My experience with gravity incliner] Moi opyt skorostnoi prakhodki
brensbarga. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 8 p. (MLR 9:10)

1. Brigadir prokhodchikov shakhty No. 37 kombinata "Karagandaugol"
(for Semenyuk)
(Mine haulage)

NOVOZHILOV, M.G., prof., doktor tekhn. nauk; DRUKOVANYI, M.F., kand.
tekhn. nauk; GEYMAN, L.M., gornyy inzhener; KOMIR, V.M., gornyy
inzhener; SEMENYUK, I.A., gornyy inzhener

Studying the efficiency of charges with air spaces. Vzryv.
delo no.54/11:113-125 '64. (MIRA 17:9)

1. Filial Instituta mekhaniki AN UkrSSR.

DEL'VA, V.A.; SEMENYUK, I.F.

Observations on osteopetrosis with symptoms of intracranial hypertension. Vop.neirokhir. 22 no.6:50-51 N-D '58. (MIRA 12:2)

1. Stalinskiy meditsinskiy institut imeni A.M. Gor'kogo.
(CEREBROSPINAL FLUID,
hypertension, intracranial, in osteopetrosis (Rus))
(OSTEOPETROSIS, compl.
intracranial hypertension (Rus))

BOGOSLAVSKIY, R.V., prof., SMOLYAK, L.G., dots., SEMENYUK, I.F., MURAV'YEV, P.M.
student IV kursa

Intravenous urography against a background of retropneumoperitoneum
[with summary in English]. Vest.rent. i rad. 33 no.3:20-22 My-Je '58

1. Iz Gosptal'noy khirurgicheskoy kliniki imeni V.M. Bogoslavskogo
(zav. - prof. R.B. Bogoslavskiy) Stalinskogo meditsinskogo instituta.
(URINARY TRACT, radiography
intravenous urography with retropneumoperitoneum (Rus))
(PNEUMOPERITONEUM, ARTIFICIAL
in intravenous urography, value (Rus))

SMOLYAK, L.G. (g. Stalino, Donbass, 8 liniya, d.158, kv.59); SEMENYUK, I.F.
(g. Stalino, Donbass, 28, ul. Sholokhova, d.15)

Value of diagnostic laparotomy in suspected stomach cancer. Vop.onk.
5 no.5:571-576 '59. (MIRA 12:12)

1. Iz gospi'tal'noy khirurgicheskoy kliniki im. V.M. Bogoslavskogo
(zav. - prof. R.V. Bogoslavskiy) i rentgenovskogo otdeleniya Oblast'-
noy tsentral'noy klinicheskoy bol'nitsy (zav. - I.F. Semenyuk).
(STOMACH NEOPLASMS, diag.
abdom. laparotomy (Rus))

SEMENYUK, IVAN MARKOVICH

OFF
.R93-08

REMONT KVADRATNO-GNEZDOVYKH
MASHIN / MAINTENANCE OF SQUARE
HOUSING OF MACHINES, BY/ I.M.
SEMENYUK I L.A. BOROSHOK.
MOSKVA, SEL'KHOZGIZ, 1956.
159 P. ILLUS., DIAGRS.
"LITERATURA": P.158

SEMYENYUK, I. M.

Deterioration of electrolytic chromium in cases of lamellar lubrication. I. M. Semenyuk and I. V. Vagner. *Nauch. Trudy Ukr. Nauch.-Issledovatel. Inst. Mekhaniz. St'zh. Khim.* (Kiev: Gosudarst. Sci. stolkhov. Izdatel. Ukr. S.S.R.) 1954, 208-10; *Rajeral, Zhur., Khim.* 1956, Abstr. No. 13858. Expts. were carried out by using an abrasion machine equipped with an arrangement permitting observation on a screen of a cathodic oscillograph the changes in condition of the oil film between surfaces under friction. On a ring of Ni-Cr steel were exposed to friction samples covered with plumbous bronze, stannous bronze, cast iron, and Cr of various hardnesses (540, 1200, 1300 kg./sq. mm.). Punctures in the oil films were observed when, during the abrasion process, the load was increased from 2 to 120 kg./sq. cm. Cr coatings proved best, and among them those with hardness 1300 kg./sq. mm. J. Mlotrowska

4
FE3d
FE2C

gmb
NS

LEVITSKIY, Georgiy Sergeyevich; SEMENYUK, I.M.; SERDYUK, V.K., inzhener,
redaktor; RUDENSKIY, Ya.V., tekhnicheskiy redaktor.

[Chrome plating of machine parts and tools] Khromirovanie detalei
mashin i instrumenta. Kiev, Gos. izd-vo mashinostroitel'noi lit-ry,
1956. 265 p. (Chromium plating) (MLRA 9:5)

SEMENYUK, I. M.

PROCESSES AND PROPERTIES INDEX

Rational method of firing ceramic ware. I. M. SEMENYUK. *Shtklo i Keram.*, 6 [12] 3-7 (1949).—By taking into account thermal stresses, the allowable rate of firing (θ in $^{\circ}/\text{hr.}$) can be determined, within certain limits, from $\theta = \sigma(1 - \mu)/\eta a E s^2$, where σ is allowable tensile stress (kg./cm. 2), μ is Poisson's ratio, a is coefficient of conductivity (m. 2 /hr.), η is a factor of expansion, E is modulus of elasticity (kg./cm. 2), s is a factor of size (m.), and η is a coefficient of heat conductivity (kg.-cal./m.hr. $^{\circ}\text{C.}$), where λ is coefficient of heat conductivity (kg.-cal./m.hr. $^{\circ}\text{C.}$), γ is specific gravity (kg./m. 3); for a plate heated equally on both sides, s is one-half the thickness; for a cylinder or sphere, s is equal to the radius; for a hollow cylinder or hollow sphere, s is equal to the difference between the radii. This equation does not take into account the physicochemical processes which occur during firing, and it is applicable for calculations during the period in which the shape is in an elastic condition. Optimum conditions for firing are most advantageously calculated on the basis of the allowable temperature drop (t) within the body of the shape, which can be determined experimentally as follows: a specimen having the form and dimensions of structural brick and dried to 5% moisture is kept for 20 min. in an electric oven previously heated to 200 $^{\circ}$, 250 $^{\circ}$, or 300 $^{\circ}\text{C.}$, and the temperature at which it cracks is noted. Then a new specimen, with one thermocouple imbedded in the surface and another in the center, is kept for 20 min. in the oven at a temperature 40 $^{\circ}$ to 50 $^{\circ}$ below that at which the first specimen cracked. If the specimen shows no cracks, this is considered the allowable temperature for the given material of given thickness. The maximum difference in temperatures between the surface and the center is taken as Δt . The allowable temperature of the kiln (t_{kiln}) can then be calculated from $t_{\text{kiln}} = \Delta t + t_0$, where $\phi\left(\frac{\alpha s}{\lambda}; \frac{r_0}{s}\right)$ is a function the value of which is determined from a series of given curves of the function vs. the value of $(r_0/s)^2$ and where t_0 is the initial temperature of the shape. The value of θ can be calculated from $\theta = \Delta t a / k s^2$, where a is 0.002 m. 2 /hr., γ , in addition to the values given above, is equal to the thickness of the plate if heated on one side and to three-fourths the thickness if heated unsymmetrically on both sides; and k is a coefficient depending on the shape of the object and is 0.5 for an endless plate, 0.2 for a cube, 0.167 for a sphere, and 0.2 to 0.25 for a cylinder. Holding period (t_h in hr.) at constant temperature is calculated from $t_h = (0.07/0.18) s^2$, and total firing period (t_f in hr.) from $t_f = t_h \times 10^{-4}$, where t_0 is end firing temperature. The Δt of six types of mixes has been determined, and sample calculations of t_{kiln} , θ , t_h , and t_f are shown. B.Z.K.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1500 1510 1520 1530 1540 1550 1560 1570 1580 1590 1600 1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790 1800 1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390 2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770 2780 2790 2800 2810 2820 2830 2840 2850 2860 2870 2880 2890 2900 2910 2920 2930 2940 2950 2960 2970 2980 2990 3000 3010 3020 3030 3040 3050 3060 3070 3080 3090 3100 3110 3120 3130 3140 3150 3160 3170 3180 3190 3200 3210 3220 3230 3240 3250 3260 3270 3280 3290 3300 3310 3320 3330 3340 3350 3360 3370 3380 3390 3400 3410 3420 3430 3440 3450 3460 3470 3480 3490 3500 3510 3520 3530 3540 3550 3560 3570 3580 3590 3600 3610 3620 3630 3640 3650 3660 3670 3680 3690 3700 3710 3720 3730 3740 3750 3760 3770 3780 3790 3800 3810 3820 3830 3840 3850 3860 3870 3880 3890 3900 3910 3920 3930 3940 3950 3960 3970 3980 3990 4000 4010 4020 4030 4040 4050 4060 4070 4080 4090 4100 4110 4120 4130 4140 4150 4160 4170 4180 4190 4200 4210 4220 4230 4240 4250 4260 4270 4280 4290 4300 4310 4320 4330 4340 4350 4360 4370 4380 4390 4400 4410 4420 4430 4440 4450 4460 4470 4480 4490 4500 4510 4520 4530 4540 4550 4560 4570 4580 4590 4600 4610 4620 4630 4640 4650 4660 4670 4680 4690 4700 4710 4720 4730 4740 4750 4760 4770 4780 4790 4800 4810 4820 4830 4840 4850 4860 4870 4880 4890 4900 4910 4920 4930 4940 4950 4960 4970 4980 4990 5000 5010 5020 5030 5040 5050 5060 5070 5080 5090 5100 5110 5120 5130 5140 5150 5160 5170 5180 5190 5200 5210 5220 5230 5240 5250 5260 5270 5280 5290 5300 5310 5320 5330 5340 5350 5360 5370 5380 5390 5400 5410 5420 5430 5440 5450 5460 5470 5480 5490 5500 5510 5520 5530 5540 5550 5560 5570 5580 5590 5600 5610 5620 5630 5640 5650 5660 5670 5680 5690 5700 5710 5720 5730 5740 5750 5760 5770 5780 5790 5800 5810 5820 5830 5840 5850 5860 5870 5880 5890 5900 5910 5920 5930 5940 5950 5960 5970 5980 5990 6000 6010 6020 6030 6040 6050 6060 6070 6080 6090 6100 6110 6120 6130 6140 6150 6160 6170 6180 6190 6200 6210 6220 6230 6240 6250 6260 6270 6280 6290 6300 6310 6320 6330 6340 6350 6360 6370 6380 6390 6400 6410 6420 6430 6440 6450 6460 6470 6480 6490 6500 6510 6520 6530 6540 6550 6560 6570 6580 6590 6600 6610 6620 6630 6640 6650 6660 6670 6680 6690 6700 6710 6720 6730 6740 6750 6760 6770 6780 6790 6800 6810 6820 6830 6840 6850 6860 6870 6880 6890 6900 6910 6920 6930 6940 6950 6960 6970 6980 6990 7000 7010 7020 7030 7040 7050 7060 7070 7080 7090 7100 7110 7120 7130 7140 7150 7160 7170 7180 7190 7200 7210 7220 7230 7240 7250 7260 7270 7280 7290 7300 7310 7320 7330 7340 7350 7360 7370 7380 7390 7400 7410 7420 7430 7440 7450 7460 7470 7480 7490 7500 7510 7520 7530 7540 7550 7560 7570 7580 7590 7600 7610 7620 7630 7640 7650 7660 7670 7680 7690 7700 7710 7720 7730 7740 7750 7760 7770 7780 7790 7800 7810 7820 7830 7840 7850 7860 7870 7880 7890 7900 7910 7920 7930 7940 7950 7960 7970 7980 7990 8000 8010 8020 8030 8040 8050 8060 8070 8080 8090 8100 8110 8120 8130 8140 8150 8160 8170 8180 8190 8200 8210 8220 8230 8240 8250 8260 8270 8280 8290 8300 8310 8320 8330 8340 8350 8360 8370 8380 8390 8400 8410 8420 8430 8440 8450 8460 8470 8480 8490 8500 8510 8520 8530 8540 8550 8560 8570 8580 8590 8600 8610 8620 8630 8640 8650 8660 8670 8680 8690 8700 8710 8720 8730 8740 8750 8760 8770 8780 8790 8800 8810 8820 8830 8840 8850 8860 8870 8880 8890 8900 8910 8920 8930 8940 8950 8960 8970 8980 8990 9000 9010 9020 9030 9040 9050 9060 9070 9080 9090 9100 9110 9120 9130 9140 9150 9160 9170 9180 9190 9200 9210 9220 9230 9240 9250 9260 9270 9280 9290 9300 9310 9320 9330 9340 9350 9360 9370 9380 9390 9400 9410 9420 9430 9440 9450 9460 9470 9480 9490 9500 9510 9520 9530 9540 9550 9560 9570 9580 9590 9600 9610 9620 9630 9640 9650 9660 9670 9680 9690 9700 9710 9720 9730 9740 9750 9760 9770 9780 9790 9800 9810 9820 9830 9840 9850 9860 9870 9880 9890 9900 9910 9920 9930 9940 9950 9960 9970 9980 9990 10000

SEMYUK, I. M.

Glass Manufacture

Gas welding of glass tubes., Stek. i ker., 9, no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952. Unclassified.

DRUKOVANYI, M.F., kand. tekhn. nauk; GEYMAN, L.M., gornyy inzh.;
SEMENYUK, I.L., gornyy inzh.

Efficient value of the proximity coefficient of charges. Varyv.
delo no.53/10:89-96 '63. (MIRA 16:8)

1. Otdeleniye gornorudnykh problem AN UkrSSR.
(Blasting)

SEMENYUK, I.M., kand.tekhn.nauk

Degree of cast-iron surface saturation with abrasiya particles
in grinding. Avt.prom. 30 no.1:38-39 Ja '64. (MIRA 17:3)

GONCHAR, I. SEMENYUK, I.

Plows - Testing

Testing plowshares hardened by various methods. MTS 12 no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1953, Unclassified.

2

1. SEMENYUK, I.; GONCHAR, I., Eng.

2. USSR 600

4. Plows

7. Repairing moldboards on tractor plows, MTS, 12, No. 11, 1952.

8. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. SEMENYUK, I. GONCHAR, I.
2. USSR (600)
4. Plows
7. Repairing the moldboard for tractor-drawn plows. MTS 13 no. 33, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

SEMENYUK, I.M.

[Repairing grain combines] Remont zernovykh kombainov. Moskva, Gos.
izd-vo selkhoz lit-ry, 1954. 295 p. (MLRA 7:12)
(Combines (Agricultural machinery))

GONCHAR, I.. inzhener; ^MSEMENYUK, I., kandidat tekhnicheskikh nauk.

Repair of the KP-4 cultivators. MTS 14 no.3:29-30 Mr '54. (MLRA 7:4)
(Cultivators)

~~SEMENYUK~~, Ivan Markovich, kandidat tekhnicheskikh nauk; BOROSHOK, Lev
Abramovich, inzhener; PESTRYAKOV, A.I., redaktor; BALLOD, A.I.,
tekhnicheskiiy redaktor

[Repair of checkrow planters] Remont kvadratno-gnezdovykh mashin.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 159 p. (MLRA 10:4)
(Planters (Agricultural machinery))

SEMENYUK, Ivan Markovich; BASARGIN, B.A.; GONCHAR, I.S.; SMIRNOV, A.G.,
redaktor; GUREVICH, M.M., tekhnicheskiy redaktor

[Repair of grain combines] Remont zernovykh kombainov. Izd. 2-oe,
ispr. i perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 271 p.
(MLRA 9:11)

(Combines (Agricultural machinery)--Repairing)

SEMENYUK, I.M., kand.tekhn.nauk

Lateral oscillation of checkrow planters. Mekh. i elek.sots.
sel'khoz. 17 no.3:27-30 '59. (MIRA 12:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii
i elektrofiksii sel'skogo khozyaystva.
(Planters (Agricultural machinery))

SEMENYUK, I.M., kand.tekhn.nauk

How to assure high-quality planting of corn. Mekh.sil'.nost.
ll no.3:8-9 Mr '60. (MIRA 13:6)
(Corn(Maize)) (Planters(Agricultural machinery))

SEMENYUK, I., kand.tekhn.nauk; ZELENSKIY, Yu., aspirant

Plastic materials in the service of agriculture. Tekh. v
sel'khoz. 20 no.7:63-64 J1 '60. (MIRA 13:9)
(Plastics)

~~SEMENYUK, I.M.~~; BASARGIN, V.A.; GONCHAR, I.S.; ROZIN, M.A., red.;
GOR'KOVA, Z.D., tekhn.red.

[Repair of grain combines] Remont zernovykh kombainov.
Izd.3., dop. i ispr. Moskva, Gos.izd-vo sel'khoz.lit-ry,
1961. 310 p. (MIRA 14:4)
(Combines (Agricultural machinery)--Maintenance and repair)

SEMENYUK, I.M., kand. tekhn. nau.

On the basis of the achievements of modern science and
technology. Stroil. mat. 10 no.6:19-20 Je '64.

(MIRA 17:10)

1. Nachal'nik otдела stroitel'nykh materialov i konstruktsii
Gosplana UkrSSR.

TUROVTSEVA, Z.M.; LITVINOVA, N.F.; VASIL'YEVA, N.M.; SEMENYUK, K.G.

Vacuum-fusion method employing a platinum tand for the determination
of gases in metals. Izudy kom.anal.khim. 10:109-116 '60.

(MIRA 13:8)

1. Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo
AN SSSR, Moskva.

(Gases in metals)

KUTYURIN, V.M.; MATVEYEVA, I.V.; NAZAROV, N.M.; SEMENYUK, K.H.

Effect of light on the isotopic composition of oxygen secreted
by plants. Dokl. AN SSSR 157 no.6:1474-1476 Ag '64.
(MIRA 17:9)

1. Institut geokhimii i analiticheskoy khimii im. V.I. Vernadskogo
AN SSSR. Predstavleno akademikom A.P. Vinogradovym.

SEMENYUK, L. A.

3

1887. Fermentation process in the caecum of ruminants and herbivores. E. I. Shtelnikov, L. A. Semenyuk, and M. K. Rabotnova. *Trud. Odessa Univ.*, 1955, 148, 249-253; *Referat. Zh. Biol.*, 1956, Abstr. No. 75736.—The influence of food rations on the intensity of the microbiological processes in the caecum of rabbits and sheep was studied. Chyme, taken through a fistula tube, was diluted with water or an equal vol. of 5% glucose and put in a saccharimeter which was placed in a thermostat at 35–38°. The quantity of gas and acid formed was determined after 24 hr. Fermentation proceeded more intensively in rabbits than in ruminants (sheep). The character of the fermentation depends on the food rations both in rabbits and sheep. Fermentation was least intensive with hay feeding, somewhat increased by grain feeding, and most intensive of all with beet feeding. The rabbits used in the experiments were segregated into two groups according to intensity of fermentation. The first group (the majority of animals) is characterized by energetic fermentation, and the second by poor fermentation. These differences depend on the composition of the microflora of the caecum. If chyme from rabbits of the first group is introduced by the fistular opening into rabbits with the inert type of fermentation, the intensity of the microbiological processes is raised. (Russian)

C. PRINGLE

FAYTEL'BERG, R.O.,; SEMENYUK, L.A.

Interoceptive relationship between small and large intestines in sheep. Biul. eksp. biol i med. 41 no.2:23-26 F '56, (MLRA 9:6)

1. Iz kafedry fiziologii cheloveka i zhivotnykh (zav.-prof. R.O. Faytel'berg) Odesskogo gosudarstvennogo universiteta.

Predstavlena deyatvitel'nyy chlenom AMN SSSR V.N. Chernigovskim.

(INTESTINES, physiology,

absorp., interoceptive relationship between small & large intestines in sheep (Rus))

FAYTEL' BERG, R.O.; SEMENYUK, L.A.; RYABOVA, L.A.

Effect of interoception in the small intestine on the secretion of
pancreatic juice and bile in sheep [with summary in English], Fiziol.
zhur. 42 no.10:877-881 0 '56. (MLPA 9:12)

1. Kafedra fiziologii cheloveka i zhivotnykh universiteta, Odessa.
(DUODENUM, physiology,
eff. of stimulation on bile & pancreatic juice secretion
in sheep (Rus))
(BILE,
secretion, eff. of duodenal stimulation in sheep (Rus))
(PANCREAS,
juice, eff. of duodenal stimulation in sheep (Rus))

SEMENYUK, L.A.

USSR/Human and Animal Physiology. Digestion. The Intestines.

T-7

Abs Jour: Ref Zhur-Biol., No 12, 55772.

Author : Semenyuk, L.A.

Inst: : University of Odessa.

Title : The Efferent Caecum Function in Sheep.

Orig Pub: Nauchn. yezhegodnik. Odessk. un-t, 1956, Odessa,
1957, 233-234.

Abstract: When the motions of the caecum (C) in sheep were registered with the aid of a rubber ball, units of peristaltic contractions lasting 28-137 seconds, of antiperistaltic contractions (lasting 2-5 seconds), and of tonic contractions (lasting 42-133 seconds) were detected. The most vigorous motions of the C occurred during feeding; they were weaker at night time. A mechanical irritation (by a rubber ball), or a chemical

Card: 1/2

SEMENYUK, L.A. [Semeniuk, L.A.], dots.

Secretory function of the appendix in sheep. Pratsi Od. un. Ser.
biol.nauk no.8(vol.147):35-40 '57. (MIRA 12:4)
(SHEEP--PHYSIOLOGY) (APPENDIX (ANATOMY)) (INTESTINES--SECRETION)

Country : USSR
 Category= : Human and Animal Physiology. T
 Digestion. General Problems.
 Abs. Jour. : Ref Zhur-Biol., No 23, 1988, 106529
 Author : Semenyuk, L. A.; Ryabova, L. A.
 Institut. : Odessa University.
 Title : Interceptive Interrelationships of Various
 Digestive Tract Sectors in the Light of I. M.
 Sechenov's Studies.
 Orig. Pub. : Tr. Odessk. un-ta. Sb., posvyashch. 50-letiyu
 so dnya smerti I. M. Sechenova, 1957, 147,
 139-145
 Abstract : No abstract.

Card: 1/1

STEPANOVA, O.S.; SEMENYUK, L.A.; DROZDOVSKAYA, A.I.; YATSENKO, Ye.A.

Syntheses of methoxymethylalkyl derivatives of barbituric acid. Ukr. khim. zhur. 29 no.10:1115-1116 '63.

(MIRA 17:1)

1. Odeskiy gosudarstvennyy universitet im. I.I. Mechnikova.

SEMENYUK, L. F.

AID - P-194

Subject : USSR/Engineering
Card : 1/1
Authors : Adel'son, S. V., Semenyuk, L. F. and Eygenson, A. S.
Title : Low Distillation of Mazut from High Tar Crude Oil
Periodical : Neft. khoz., v. 32, #2, 46-52, F 1954
Abstract : Three methods of low distillation of mazut are discussed and the advantage of the use of low vacuum method is recognized in comparison with the use of a superheated steam or deluting agent (Kerosene). Two charts, 2 tables and 3 Russian references.
Institution : Ufa Scientific Research Institute, (UfNII)
Submitted : No date

SEMENYUK, L.O.

3

USSR

Testing and evaluating methods for laboratory fractionating columns. A. I. Levin and L. O. Semenyuk. *Trudy Vsesoyuz. Nauch.-Issledovatel. Inst. Khim. Pererabotki Gasev (KHIMGAZ)* 6, 124-39(1951).—Various methods were investigated for testing lab. fractionating columns used for sepg. binary liquid mixts., and 2 standard methods are recommended: (a) benzene-dichloroethane standard mixt. for the columns having less than 50 theoretical plates, and (b) heptane (b. 98.4°) + isooctane (b. 99.2°) standard mixt. for the columns including up to 300 theoretical plates (ideal stages). For detg. the compn. of the mixt. obtained during the operation, the "stannic points" method (max. crit. temp. points of SnCl₄ soln. in components: 130.2° for heptane and 195.5° for isooctane) was successfully applied. Testing methods for fractionating columns include the following detns.: max. downflow liquid rate, static and dynamic "liquid hold-up", equil. time, no. of theoretical plates (ideal stages): (a) in equil. by varied downflow liquid rates and (b) in certain working conditions. W. P.

SEMENYUK, L.O.

LEVIN, A.I.; AVTONOMOVA, N.Kh.; SEMENYUK, L.O.

Effect of certain factors on the effectiveness of laboratory
columns. Trudy Inst. "Khimgaz" no.6:157-177 '51. (MIRA 7:8)
(Distillation, Fractional)

LEVIN, A.I.; SEMENYUK, L.O.; YELCHANINOVA, B.V.

Rectification of synthetic fatty acids and alcohols. Trudy
VNIINeftekhim no.1:5-43 '60. (MIRA 14:1)
(Acids, Fatty) (Alcohols)
(Distillation, Fractional)

LEVIN, A.I.; ZHELEZNYAK, A.S.; SEMENYUK, L.O.

Recovery of low molecular weight monobasic organic acids from
aqueous solutions by extraction. Trudy VNIINEftekhim.no.1:84-94
'60. (MIRA 14:1)
(Acids, Organic) (Extraction (Chemistry))

SEMENYUK, H.I.

Replacing the count chain by a count cylinder on automatic "14th
class" hosiery machines. Obm. tekhn. opyt. [MLP] no.35:8-9 '56.
(MIRA 11:12)

(Knitting machines)

SEMENYUK, N.I.

Device for grooving spiral wheels for loopers. Obm. tekhn. opyt.
[MLP] no.35:10-11 '56. (MIRA 11:12)
(Knitting machines) (Metal-cutting tools)

~~SEMENYUK, Nikolay Pavlovich; TORGONSKIY, M.N., red.; MOROZOV, Yu.V., red.~~
~~izd-va; BACHURINA, A.M., tekhn.red.~~

[Practices in constructing logging settlements] Opyt poselkovogo
stroitel'stva v lespromkhozakh. Moskva, Goslezbizdat, 1957.
42 p. (MIRA 11:5)

(Building)

SEMENYUK, P., inzh.

We are constructing high-quality low-cost buildings. Sil'.bud.
10 no.2:24 F. '60. (MIRA 13:5)

1. Sel'khozinspektsiya Ul'yanovskogo rayona Kirovogradskoy
oblasti.

(Ul'yanovsk District--Farm buildings)

SEMENYUK, S.

Arsenal of health. Znan. ta pratsia no.1:20-21 Ja '63. (MIRA 16:3)
(Lvov---Drug industry)

SEMENYUK, S. N. and MOKIYEVSKIY, V. A.

Crystallization

Skeletal growth of crystals in a viscous medium.

Zap. Vses. min. ob. 31 no. 2, 1952

Monthly List of Russian Acquisitions, Library
of Congress, September 1952. UNCLASSIFIED

AMANATOV, V.V.; SEMENYUK, T.I.

Pump for slime unloading. Gidra. . . i beschizh.pom. 18 no.5:23
'65. (MIRA 18:3)

1. Krasnodarskiy gidroliznyy zavod.

SEMENYUK, V.

Expansion of the London harbor. Mor. flot 23 no.7:39-40
Jl '63. (MIRA 16:8)

1. Nachal'nik otдела otraslevoy nauchnoy tekhniko-ekonomicheskoy informatsii Gosudarstvennogo instituta po proyektirovaniyu morskikh portov i sudoremontnykh predpriyatiy.

SEMENYUK, V. A.

Difficulties in filtration of juices from first carbonation.
V. A. Semenyuk. *Sakharnaya Prom.* 25, No. 1, 22-3
(1951).—Considerable decrease in filterability of juices
from first carbonation is observed when a large amt. of
withered sugar beets are in process. S. believes that ac-
cumulation of invert sugar, sol. pectin, and noxious N sub-
stances are responsible. V. E. Baikov

SEMENYUK, V.A.

Sack combine. Sakh.prom.30 no.10:31 0 '56.

(MIRA 10:1)

1. Sakhkombinat "Kreshchatik."
(Bagging) (Sugar industry--Equipment and supplies)

RADOMSKIY, M.M.; SEMENYUK, V.A.

Eliminating shortcomings of the rotary diffusion unit. Sakh.
prom. 33 no.6:71 Je '59. (MIRA 12:8)

1. Samborskiy sakharney zavod.
(Sambor--Sugar machinery)

SEMENYUK, V.A., inzh.

Effect of the current pulsations on the characteristics of the thermocouples of semiconductor refrigerators. Trudy OTIPiKhP 12:161-166 '62.
(MIRA 17:1)

1. Kafedra kholodil'nykh mashin Odesskogo tekhnologicheskogo instituta pishchevoy i kholodil'noy promyshlennosti.

NAYER, V.A., kand. tekhn. nauk, dotsent; SEMENYUK, V.A.

Effect of current pulsations on the characteristics of thermoelectrons of semiconductors in cooling and heating devices.
Izv. vys. ucheb. zav.; energ. 6 no.6:31-37 Je '63. (MIRA 16:11)

1. Odesskiy tekhnologicheskii institut pishchevoy i kholodil'noy promyshlennosti. Predstavlena kafedroy kholodil'nykh mashin.

VIKHOREV, G.A., kand. tekhn. nauk; SEMENYUK, V.A., inzh.

Effect of the thermal e.m.f. on the characteristics of semiconductor batteries fed by their rectifiers. Khol. tekhn. i tekhn.
no.1:24-28 '65. (MIRA 18:9)

MEL'TSER, L.Z., kand.tekhn.nauk; DREMLYUKH, T.S.; SEMENYUK, V.A.

Experimental study of the properties of the mixtures of Freon 22
with lubricants. Khol.tekh. 42 no.2:33-36 Mr-Ap '65. (MIRA 18:5)

1. Odesskiy tekhnologicheskii institut pishchevoy i kholodil'noy
promyshlennosti.